

Financial Services Sector (FSS)
Critical Infrastructure Protection (CIP)



CIP 101



Agenda

- **Define CIP**
- **Discuss CIP at DoD**
- **Explain DoD FSS CIP**
- **Introduce CIPFIN**

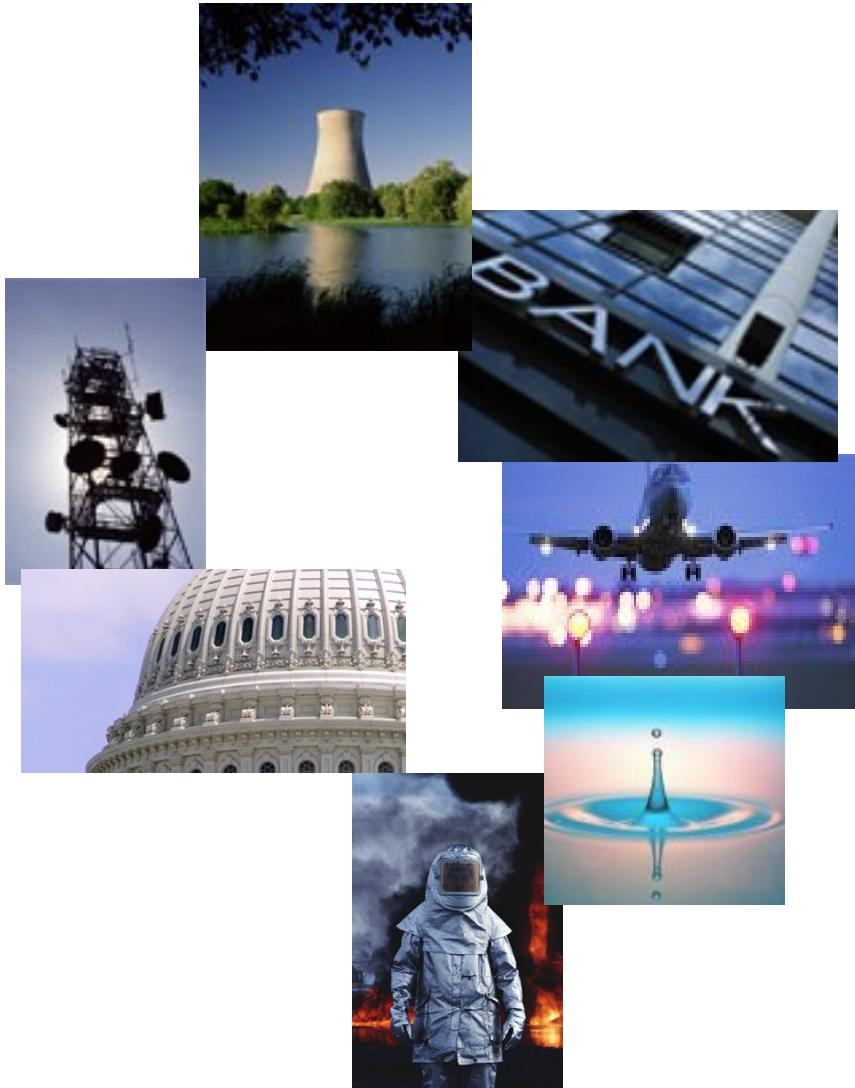


What is CIP?

- **National policy/organization for effecting a private-public partnership to assure critical infrastructure protection**
- **Protects physical and cyber-based assets critical to minimum operation of the economy and government**



What are Critical Infrastructures?



- **Telecommunications**
- **Energy**
- **Banking and finance**
- **Transportation**
- **Water supply systems**
- **Emergency services**
- **Government operations**



CIP Has Two Goals

- **Quickly identify and eliminate any significant vulnerability to critical physical and cyber infrastructures**
- **Provide assurance that the business continuity of the functions supported by critical infrastructures remains viable in the event of attack or environmental event**



National CIP Guidance

July 1996

Executive Order 13010

- Established President's Commission on Critical Infrastructure Protection (PCCIP)
- Mission to recommend comprehensive national policy and implementation strategy for protecting Nation's critical infrastructures from physical and cyber threats

May 1998

Presidential Decision Directive (PDD-63)

- Responded to PCCIP findings
- Established every Department and Agency responsible for protecting physical and cyber critical infrastructures
- Required strong partnership with Private Sector

2000

National Plan - Defending America's Cyberspace

- Discussed current threats facing Nation
- Outlined plan, goals and framework that Government, partnered with the private sector, will use to address threats

December 2003

Homeland Security Presidential Directive (HSPD-7)

- Assigns DoD as the lead agency in protecting the Defense Industrial Base

October 2001

Executive Order 13228, "Establishing the Office of Homeland Security and the Homeland Security Council"

- Charged office and council with the mission to detect, prepare for, prevent, protect against, respond to, and recover from terrorist attacks with the United States

August 2005

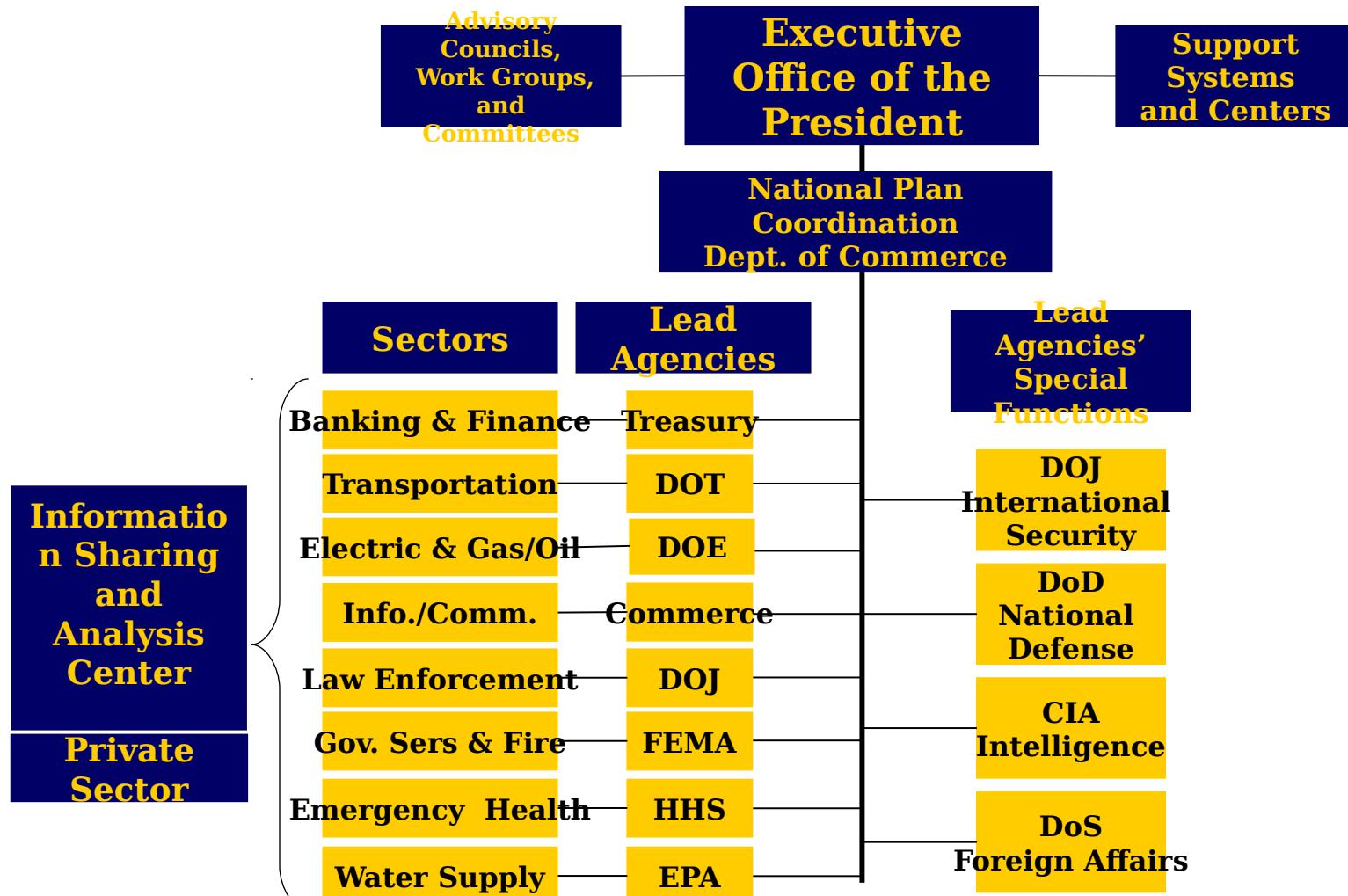
Department of Defense Directive 3020.40 "Defense Critical Infrastructure Program (DCIP),"

- Updates policy, and assigns responsibilities for the DCIP incorporating guidance from HSPD-7 to function as the Sector-Specific Agency for the Defense Industrial Base (DIB)

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National CIP Organization Structure

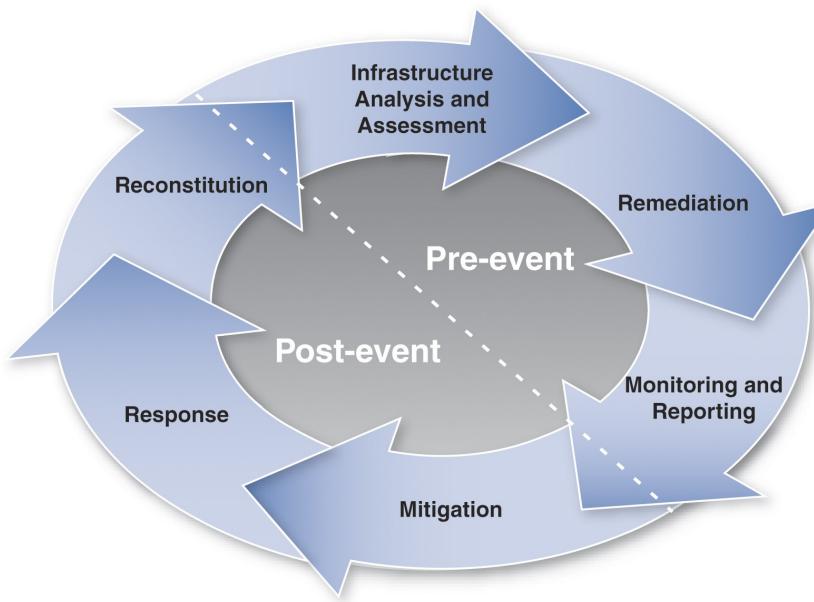


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How is CIP Implemented?



- **CIP lifecycle includes six activities**
 - 1. Analysis & Assessment**
 - 2. Remediation**
 - 3. Indications & Warnings**
 - 4. Mitigation**
 - 5. Response**
 - 6. Reconstitution**

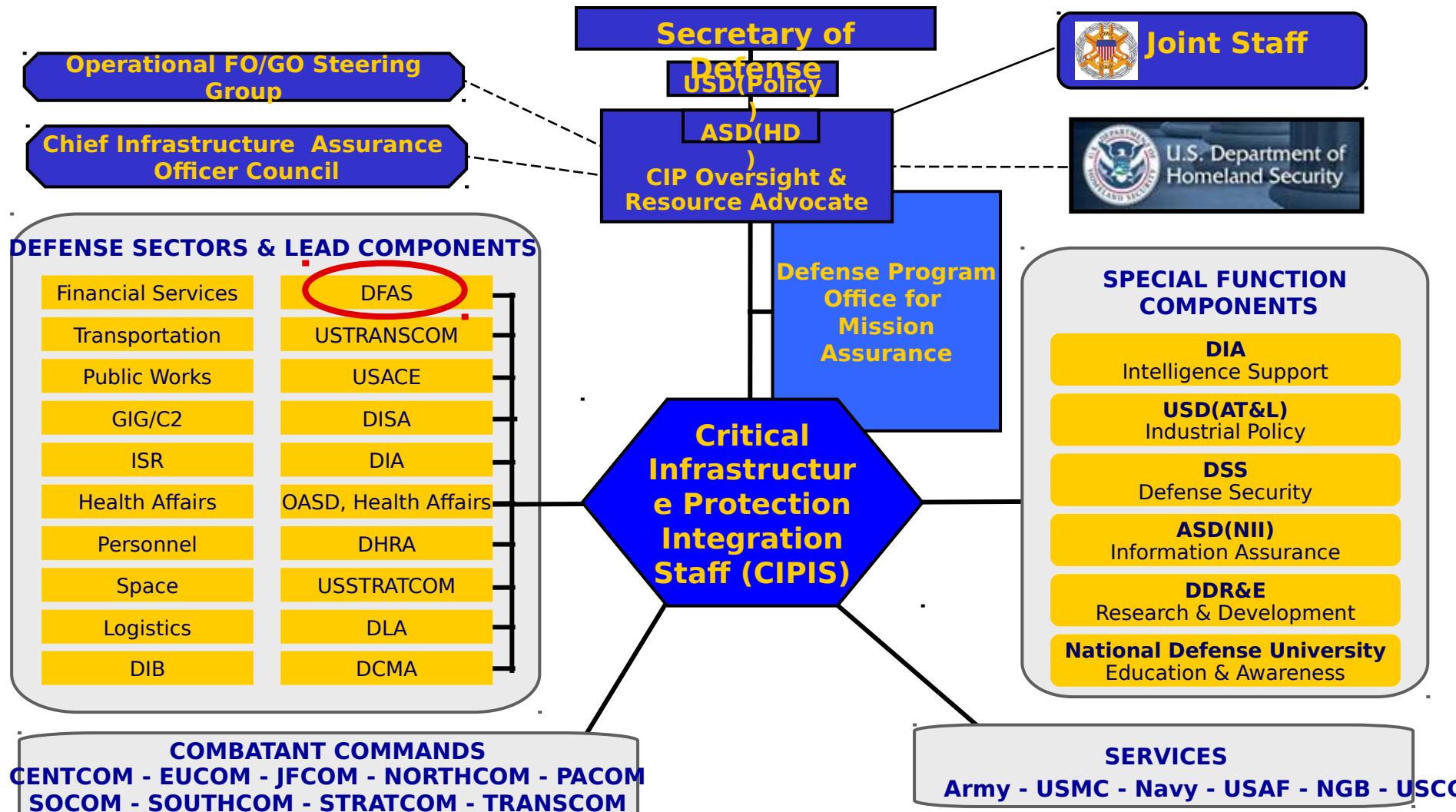


What is CIP at DoD?

- **DoD leads critical infrastructure protection activities related to national defense**
- **DoD CIP Program (DCIP) coordinates identification, assessment, assurance/protection and real-time monitoring of cyber and physical infrastructures essential to the execution of the National Military Strategy**



How is DCIP Organized?



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What are the FSS CIP Goals?

- **Lead planning and coordination of CIP activities with all components that own and/or operate elements of the DoD Financial Services Sector**
- **Create a comprehensive and current database of DoD financial services infrastructure key components**
- **Create awareness of database development within all DoD elements that support financial functions**
- **Coordinate efforts with each of the military services and executive agencies**



FSS Uses CIPFIN to Prioritize Assets

- **Use a decision support tool to analyze assets**
- **Develop a supporting database, Critical Infrastructure Protection for Finance (CIPFIN), to support analysis**
- **Analyze assets using three steps**
 - Collect physical and cyber asset characteristics
 - Identify asset dependencies
 - Determine protective priorities



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- **Helps determine assets criticality, vulnerability, and risk reduction strategies**
- **Assists Military Services and DoD Executive Agency leadership plan and evaluate CIP efforts**
- **Enables Combatant Commander staffs and Operation Center Watch Teams to better assess exercises and actual threats/events**



Useful CIP Resources

- **Websites:**
 - **DCIP Education, Training, and Outreach Website**
 - **http://www.dod-map.msiac.dmso.mil/ed_outreach_survey.htm**
 - **DoD Directive 3020**
 - **http://www.dtic.mil/whs/directives/corres/di_r1.html**
 - **FSS CIP Website**
 - **<http://www.dod.mil/dfas/fsscip>**



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